ezproxy
Shib gateway to
IP-authentication
S. Rieger, GWDG
T. Gruschka, GWDG
H. Schier, FKF
legacy problem IP authentication

- major publisher are implementing Shib
- small publisher will not
- we need a gateway from Shib to IP controlled access
- a simple proxy is no way!
  - one outgoing IP adress will kill accounting based on IP subnet
missing components

Fehlende Komponenten:
IdP Proxy

Externer SP, will nur mit 1 IdP pro Federation sprechen

Prototyp:
S. Rieger, GWGD

MPG IdP Proxy, versteckt die vielen MPG IdPs

Shib Web-Proxy

BGC-IP
FKF-IP
Astra-IP
Non MPG-IP

Shib-AuthN

"Instituts-Proxy"
requirements concerning proxy

- Shib enabled
- no configuration of Web-Clients “transparent proxy”
- filter on user realm
- multiple outgoing IP addresses
ezproxy / squid solution

- User FKF
- User BGC
- User BIOP

Shib -> ezproxy

Authentication by Shib
Configuration of services

Filter on user realm
Selection of outgoing IP address

squid

WoK

External Service Authentication by IP
Accounting by IP
Shibboleth 2 Testserver mit ArpViewer

Shibboleth Test
EZProxy
phpinfo
GWDG Metadata

Gateway with ezproxy

vmext148.gwdg.de  134.76.20.148
WAYF at ezproxy

Selection of IdP

The Service you are trying to reach requires that you authenticate with your home institution, please select it from the list below.

Choose from a list:

<table>
<thead>
<tr>
<th>Federation</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>MPG-AAI Test Federation</td>
<td>MPI-FKF</td>
</tr>
<tr>
<td>All Sites</td>
<td>RZB</td>
</tr>
<tr>
<td></td>
<td>vmext148 IdP 2.0</td>
</tr>
<tr>
<td></td>
<td>vmext153 - IdP 1.3</td>
</tr>
</tbody>
</table>

Select | Remember for session

or

Search by keyword:

Search

MPG Discovery Service
IdP at FKF

Example Organization

Please login:

UID
Password

The resource that you have attempted to access requires that you log in with your Example Organization UID.
Authentication at local IdP

Example Organization

Please login:

UID: schier@kf.mpg.de
Password: *******

The resource that you have attempted to access requires that you log in with your Example Organization UID.
This is menu.htm from the docs subdirectory.

This page is the default menu of databases. It is typically used for testing, but not for deployment. See www.usefulutilities.com

Database Menu

Menu for testing only
Selection of external Service

vmext143Test
vmext153Test
DOI System
Web of Knowledge
Researcher ID
CSA Illumina
EBSCOhost
Ovid
ScienceDirect
SpringerLink
American Chemical Society

If you are a library user who is having problems accessing these resources, please contact your library for assistance.

If you are the person who installed EZproxy and have any questions regarding it, e-mail ezproxy@oclc.org
NOTICE: You are not permitted to access ISI Web of Knowledge on this computer.

- **Shibboleth users** - log in via your institution's Shibboleth authentication
- **Athens users** - log in via your institution's Athens authentication
- **All users** - If you are having difficulty accessing ISI Web of Knowledge, please contact Technical Support for assistance. (Your IP address is 134.76.20.61)

Visit [isiwebofknowledge.com](http://isiwebofknowledge.com) for additional information and resources.

<table>
<thead>
<tr>
<th>Incoming IP of ezproxy</th>
<th>134.76.20.148</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outgoing IP set by squid according to user realm</td>
<td></td>
</tr>
<tr>
<td><a href="mailto:schier@fkf.mpg.de">schier@fkf.mpg.de</a></td>
<td>134.76.20.61</td>
</tr>
<tr>
<td><a href="mailto:schierh@rzg.mpg.de">schierh@rzg.mpg.de</a></td>
<td>134.76.20.62</td>
</tr>
<tr>
<td><a href="mailto:hschier1@gwdg.de">hschier1@gwdg.de</a></td>
<td>134.76.20.157</td>
</tr>
</tbody>
</table>